

COMMITTEE AMENDMENT FORM

DATE: 01/09/07

COMMITTEE CITY UTILITIES

PAGE NUM. (S)1

ORDINANCE I. D. #07-O-

SECTION (S)

RESOLUTION I. D. #07-R-0020

PARA.

AMENDS THE LEGISLATION BY DELETING THE WORD "BINDLEY" AND REPLACING IT WITH "BRINDLEY" WHATEVER IT APPEARS IN THE LEGISLATION.

AMENDMENT DONE BY COUNCIL STAFF 01/09/07

AN AMENDED RESOLUTION

07-R-0020

BY CITY UTILITIES COMMITTEE

AUTHORIZING THE MAYOR OR DESIGNEE TO ISSUE A NOTICE TO PROCEED TO ARCADIS/BRINDLEY, PIETERS & ASSOCIATES, JV, FOR FC-7619-03A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, TO PROVIDE DESIGN SERVICES FOR ADAMS DRIVE CULVERT STRUCTURE, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETYSIX THOUSAND NINE HUNDRED SIXTY DOLLARS AND NO CENTS (\$196,960.00); ALL WORK WILL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 1C50 (2004 QUALITY OF LIFE BOND FUND) 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta ("City") did enter into FC-7619-03A, Annual Contract for Architectural and Engineering Services; and

WHEREAS, the Commissioner of the Department of Public Works requires Architectural and Engineering Services for the design of the replacement bridge on Adams Drive; and

WHEREAS, the Commissioner of the Department of Public Works and the Chief Procurement Officer have recommended that a notice to proceed be issued to Arcadis/Brindley, Pieters & Associates, JV, for FC-7619-03A, Annual Contract for Architectural and Engineering Services, in an amount not to exceed One Hundred Ninety-Six Thousand Nine Hundred Sixty Dollars and No Cents (\$196,960.00).

NOW, THEREFORE BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor or designee is authorized to issue a Notice to Proceed to Arcadis/Brindley, Pieters & Associates, JV ("Arcadis/BPA") for FC-7619-03A, Annual Contract for Architectural and Engineering Services, for design services for replacement bridge on Adams Drive, in an amount not to exceed One Hundred Ninety-Six Thousand Nine Hundred Sixty Dollars and No Cents (\$196,960.00).

BE IT FURTHER RESOLVED, that the Chief Procurement Officer is directed to prepare an appropriate agreement for execution by the Mayor.

BE IT FURTHER RESOLVED, that all contracted work will be charged to and paid from Fund, Account and Center Number 1C50 (2004 Quality of Life Bond Fund) 574001 (Facilities Other Than Buildings) M65F076892BH (Bridge Improvement, Adams Drive).

AND FINALLY BE IT RESOLVED, that the Agreement will not be binding on the City and the City will incur no obligation or liability under it until it has been executed by the Mayor, attested to by the Municipal Clerk and delivered to Arcadis/BPA.

07- R -0020

**A RESOLUTION
BY CITY UTILITIES COMMITTEE**

A RESOLUTION AUTHORIZING THE MAYOR OR DESIGNEE TO ISSUE A NOTICE TO PROCEED TO ARCADIS/BINDLEY, PIETERS & ASSOCIATES, JV, FOR FC-7619-03A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, TO PROVIDE DESIGN SERVICES FOR ADAMS DRIVE CULVERT STRUCTURE, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY SIX THOUSAND NINE HUNDRED SIXTY DOLLARS AND NO CENTS (\$196,960.00); ALL WORK WILL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 1C50 (2004 QUALITY OF LIFE BOND FUND) 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE); AND FOR OTHER PURPOSES.

WHEREAS, the City of Atlanta ("City") did enter into FC-7619-03A, Annual Contract for Architectural and Engineering Services; and

WHEREAS, the Commissioner of the Department of Public Works requires Architectural and Engineering Services for the design of the replacement bridge on Adams Drive; and

WHEREAS, the Commissioner of the Department of Public Works and the Chief Procurement Officer have recommended that a notice to proceed be issued to Arcadis/Bindley, Pieters & Associates, JV, for FC-7619-03A, Annual Contract for Architectural and Engineering Services, in an amount not to exceed One Hundred Ninety Six Thousand Nine Hundred Sixty Dollars and No Cents (\$196,960.00).

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY RESOLVES, that the Mayor or designee is authorized to issue a Notice to Proceed to Arcadis/Bindley, Pieters & Associates, JV ("Arcadis/BPA") for FC-7619-03A, Annual Contract for Architectural and Engineering Services, for design services for replacement bridge on Adams Drive, in an amount not to exceed One Hundred Ninety Six Thousand Nine Hundred Sixty Dollars and No Cents (\$196,960.00).

BE IT FURTHER RESOLVED, that the Chief Procurement Officer is directed to prepare an appropriate agreement for execution by the Mayor.

BE IT FURTHER RESOLVED, that all contracted work will be charged to and paid from Fund, Account and Center Number 1C50 (2004 Quality of Life Bond Fund) 574001 (Facilities Other Than Buildings) M65F076892BH (Bridge Improvement, Adams Drive).

BE IT FINALLY RESOLVED, that the Agreement will not be binding on the City and the City will incur no obligation or liability under it until it has been executed by the Mayor, attested to by the Municipal Clerk and delivered to Arcadis/BPA.

Part II: Legislative White Paper:

A. To be completed by Legislative Counsel:

Committee of Purview: City Utilities

Caption: A RESOLUTION AUTHORIZING THE MAYOR OR DESIGNEE TO ISSUE A NOTICE TO PROCEED TO ARCADIS/BINDLEY, PIETERS & ASSOCIATES, JV, FOR FC-7619-03A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, TO PROVIDE DESIGN SERVICES FOR ADAMS DRIVE CULVERT STRUCTURE, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY SIX THOUSAND NINE HUNDRED SIXTY DOLLARS AND NO CENTS (\$196,960.00); ALL WORK WILL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 1C50 (2004 QUALITY OF LIFE BOND FUND) 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE); AND FOR OTHER PURPOSES.

Council Meeting Date: January 16, 2007

Requesting Dept.: Department of Public Works

B. To be completed by the department :

1. Please provide a summary of the purpose of this legislation (Justification Statement).

The purpose of this legislation is to fund the design of Adams Drive Bridge for replacement by using Annual A/E, Arcadis/BPA, JV

2. Please provide background information regarding this legislation.

Adams Drive Bridge was determined to be replaced and hydraulic study was performed as well structural analysis, which demanded replacement. The road is presently closed. This resolution reflects the Mayor's desire to open this roadway.

3. If Applicable/Known:

- (a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):**
- (b) **Source Selection:** From the pool of A/E
- (c) **Bids/Proposals Due:** Submitted already
- (d) **Invitations Issued:** N/A
- (e) **Number of Bids:** N/A

- (f) **Proposals Received:** 1
- (g) **Bidders/Proponents:** N/A
- (h) **Term of Contract:** 48 months

4. Fund Account Center:

5. Source of Funds:

6. Fiscal Impact: This legislation will result in a reduction in the amount 196960.00 to Fund Account Center Number M65F0076892BH.

7. Method of Cost Recovery: N/A

This Legislative Request Form Was Prepared By: Ide Okokon, PE

LEGISLATIVE SUMMARY
FC-7619-03A, Annual A/E Services

TO: City Utilities Committee

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR OR DESIGNEE TO ISSUE A NOTICE TO PROCEED TO ARCADIS/BINDLEY, PIETERS & ASSOCIATES, JV, FOR FC-7619-03A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, TO PROVIDE DESIGN SERVICES FOR ADAMS DRIVE CULVERT STRUCTURE, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY SIX THOUSAND NINE HUNDRED SIXTY DOLLARS AND NO CENTS (\$196,960.00); ALL WORK WILL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 1C50 (2004 QUALITY OF LIFE BOND FUND) 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE); AND FOR OTHER PURPOSES.

Committee Meeting Date: January 9, 2007

Council Meeting Date: January 16, 2007

Requesting Dept.: Public Works

Contract Type: Professional Services RFP

Advertisement: October 26, 2003

Bids/Proposals Due: January 7, 2004

Invitations Mailed: 146

Bids/Proposals Received: 12

Arcadis/BPA-(Brindley Pieters & Associates) – Joint Venture
Atlanta Architects & Engineers, Joint Venture
Atlanta Services Group, a Joint Venture
Infrastructure Partners-Joint Venture (B & Jackson/ HDR/
Malcom Pirnie)
Brown and Caldwell/Deloan Hampton & Associates/Long
Engineering Inc. - Joint Venture
CH2M Hill/Williams-Russell and Johnson – Joint Venture
Earthtech/IMCo Joint Venture
HTL - Harrington, Tetra Tech & Lowe-Joint Venture
JP² (Jacobs, Prad, PBS&J) – Joint Venture
Metcalf & Eddy/Cardozo Engineering-Joint Venture
Parsons Brinckerhoff & Khafra-Joint Venture
Shaw Environmental Inc. /AIM Partners, PLC- JV

Bidders/Proponents:

- (1) CH2M Hill/Williams-Russell and Johnson
- (2) Atlanta Services Group
- (3) JP² (Jacobs, Prad, PBS&J)

- (4) Shaw/ Aim, Joint Venture
- (5) Metcalf & Eddy/Cardozo Engineering, Joint Venture
- (6) Arcadis/Brindley Pieters & Associates, Joint Venture

Contractor: Arcadis/Brindley Pieters & Associates, Joint Venture

Estimated Value: \$196,960.00

Scope Summary: ARCADIS/BPA WILL PERFORM FIELD SURVEYING AND CONDUCT SOIL INVESTIGATIONS OF THE EXITING SITE. THE SITE SURVEY AND SOIL INVESTIGATIONS WILL BE ACCOMPLISHED BY ARCADIS/BPA SUBCONSULTANTS.

Background: Original executed on May 17, 2004, expired on May 16, 2006
 A Ninety Day extension was executed on May 22, 2006 and expired August 21, 2006
 Renewal Agreement No. 1 was executed on August 29, 2006 expires on August 28, 2007

Evaluation Team: DPRCA, DWM, DPW, DPCD, OGA, OCC and Risk Management

Term of Contract: Two (2) years with an option to renew for three (3) one (1) year periods

Fund Account Centers: 1C50 (2004 QUALITY OF LIFE BOND FUND)
 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE)

Prepared By: Anthony Stanley, Contracting Officer

Contact Number: 404-330-6384

Project Participation:

<u>Arcadis/Brindley Pieters & Associates a JV</u>		<u>(15 pts.)</u>
Brindley Pieters	AABE	40%
Smith Real Estate Services, Inc.	AABE	3%
PEQ, Inc.	AABE	3%
Willmer Engineering, Inc.	FBE	1%
Architecture Group, Inc.	FBE	7%
Edwards-Pitman Environmental, Inc.	FBE	3%
Participation Total		57%



CITY OF ATLANTA

SHIRLEY FRANKLIN
MAYOR

55 TRINITY AVE., SW, ATLANTA, GEORGIA 30303-0324
SUITE 4700, CITY HALL - SOUTH
(404) 330-6240
FAX (404) 658-7552
email: publicworks@atlanta.gov


DEPARTMENT OF PUBLIC WORKS

David E. Scott, P.E.
Commissioner

MEMORANDUM FOR: REQUEST FOR CHANGE/AMENDMENT/MODIFICATION

DATE: November 6, 2006

TO: Adam L. Smith, Chief Procurement Officer
Department of Procurement

FROM: David E. Scott, Commissioner
Department of Public Works 

SUB: Task Order to: FC-7619-03-A - Annual A/E Services. Task Order/ Notice
to proceed.

Task Order Work to be performed: Design Services for Adams Drive
Bridge Improvement

Contractor: Arcadis/BPA, JV

Please issue Task order/Notice to Proceed to Contract No. FC-7619-03A for the following scope: Design Services for Adams Drive Bridge Improvement.

Pursuant to Section 2-1292 of the City of Atlanta Procurement Code and Article 33- Changes and Extra Work of the General Conditions for the Contract, the original contract is modified to incorporate additional work order. This change has been reviewed and recommended for approval by DPW' Engineers. Given the not-to-exceed amount of \$196,960.00 and a comparison of the Engineer's Cost Estimate and the Contractor's Cost Estimate, the price is determined fair and reasonable.

The Contractor shall provide all personnel, equipment, tools, materials, supervision, and other items and services for: Design Services for Adams Drive Bridge Improvement identified in Arcadis/BPA, JV proposal dated January 11, 2006 which is attached and hereby incorporated and made part of this contract –

If you have any questions, please feel free to contact Soraya Belgrave at Ext. 6002.

DES/sb

CC: Sandra Jennings & Madelyn Grant, Department of Public Works
Gregory Holder, Department of Public Works
Carl Hall, Department of Procurement
Dawn Riley, Department of Public Works



Mr. David Ferguson
Deputy Commissioner of Transportation
City of Atlanta
Department of Transportation
55 Trinity Avenue, SE
Atlanta, GA 30303

Subject:
Proposal for Adams Drive Culvert Replacement Project
Design Services

Dear Deputy Commissioner Ferguson:

The ARCADIS/BPA Joint Venture is pleased to respond to your request for services and to provide this proposal to perform the design and prepare the contract documents for bidding and constructing the replacement of the Adams Drive Culvert structure components. The culvert is a four-barrel, cast-in-place structure crossing Adams Drive at a significant skew. The existing structure has deteriorated and failed.

Project Understanding

The failed condition of the Adams Drive Culvert is documented in the enclosed letter addressed to Mr. W.E. "Billy" Mitchell and the enclosed condition assessment report. The report recommends complete replacement of the existing failed structure.

Scope of Services

ARCADIS/BPA will provide the following services for the Adams Drive Culvert Replacement Project:

Task 1 – Field Survey and Soil Investigation

ARCADIS/BPA will perform field surveying and conduct soil investigations of the existing site. The site survey and soil investigations will be accomplished by ARCADIS/BPA subconsultants. The survey will include the creek area for 500 feet on either side of the existing culvert and the road right-of-way for 1,000 feet on either side of the culvert. Subconsultant fees for these services are \$24,600. Detailed proposal estimates are enclosed.

Task 2 – Design Phase Services

Using the information collected in Task 1, we will perform the design work for both the culvert and roadway approaches. The ARCADIS/BPA fee for these services is \$96,400. See the enclosed detailed proposal estimates. The ARCADIS/BPA design is based on the following assumptions:

ARCADIS/BPA, Joint Venture
2849 Paces Ferry Road
Suite 400
Atlanta
Georgia 30339
Tel 770 431 8666
Fax 770 435 2666

WATER RESOURCES

Date:
January 11, 2006

Contact:
John Dean

Extension:
508

E-mail:
jdean@arcadis-us.com

Our ref:
2006-014



1. The City of Atlanta has determined the design will be based on the same hydraulic requirements used for the original culvert design; therefore, the culvert will be replaced in kind, meeting the same hydraulic conditions of the existing Adams Drive Culvert.
2. The new culvert will be a standard Georgia Department of Transportation (DOT) box culvert design based on standard Georgia DOT technical specifications.
3. The site civil design, including excavation, culvert foundation soil requirements, site preparation, culvert approaches, roadway design, roadway materials, etc., will be in accordance with Georgia DOT standard specifications.
4. The City of Atlanta will prepare the notice to bidders and the general conditions, and will provide ARCADIS/BPA with editable electronic copies of the special conditions to conform to project technical-specific requirements.
5. ARCADIS/BPA will prepare the Division 1 specifications, including the bid tabulation sections based on a unit price contract in a format compatible with City of Atlanta procurement requirements.
6. Preparation and development of traffic control permits and associated drawings will be the responsibility of the general contractor.
7. Specifications will be in Microsoft Word, and drawings will be in AutoCAD.
8. To minimize the length of the design schedule and because the culvert will be based on Georgia DOT standard culvert drawings and specifications, there will be one City of Atlanta review at the 90 percent design level.
9. Public relations, awareness, and involvement will be the responsibility of the City of Atlanta. ARCADIS/BPA, as support to the City, will prepare technical presentation materials for and attend up to three public awareness meetings.

Task 3 – Construction Phase Services

ARCADIS/BPA will perform construction phase services, beginning with attendance at the pre-bid conference. The ARCADIS/BPA fee for these services is \$75,960. See the attached detailed proposal estimates. The ARCADIS/BPA construction phase services are based on the following assumptions:

1. The City of Atlanta will assemble the notice to bidders, general conditions, special conditions, technical specifications, and drawings in packages appropriate for City of Atlanta Department of Procurement reviews, bidding, and contract execution.
2. ARCADIS/BPA will prepare the conforming documents, to include any bidding phase addenda into the special conditions, technical specifications, and drawings.



3. During the construction phase, ARCADIS/BPA's responsibilities will be limited to providing input for/attending the pre-bid meeting, attending the preconstruction meeting, providing shop drawing review, responding to contractor Requests for Information (RFIs), visiting the construction site one and a half days a week for periodic observations, reviewing and making recommendations to the City of Atlanta for payment of contractor pay requests, preparing final observation punch lists, and performing a final inspection of the work. The City of Atlanta will be responsible for general construction management and contract administration.
4. For purposes of this proposal, we have assumed an eight-month construction period after notice to proceed.

1 1/2 day / wk

Deliverables

1. Three copies of the geotechnical report
2. Six copies of 90 percent drawings, edited special conditions, and technical specifications for the Department of Public Works and Department of Procurement reviews
3. Up to 25 copies of bidding documents, including notice to bidders, general conditions, special conditions, bidder tabulations, technical specifications, and bidding drawings
4. Up to 15 hard copies and 2 CDs of conforming technical specifications and drawings for use by the City of Atlanta and the contractor during construction

Schedule

ARCADIS/BPA proposes a six-month schedule to complete the design of the project. The construction phase is assumed to be eight months. See the enclosed schedule.

Project Team and Management

The ARCADIS/BPA team proposes Wesley Barnes, PE, as the team's project manager and Susan Wynn, PE, as the project structural engineer. Ms. Wynn has more than 21 years of experience with public works projects involving structures. Our subconsultants, Agility Surveying Co., Inc. and Willmer Engineering, will perform the field survey and soil investigations, respectively. Resumes for key project team staff are enclosed.

Fee

We will provide these design and construction phase services for a not-to-exceed fee of \$196,960.

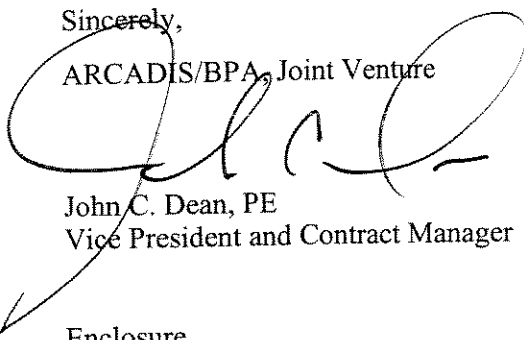


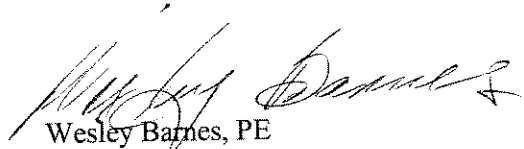
Mr. David Ferguson
January 11, 2006

We look forward to providing these services to the Department. Please do not hesitate to call if you have any questions.

Sincerely,

ARCADIS/BPA, Joint Venture


John C. Dean, PE
Vice President and Contract Manager


Wesley Barnes, PE
Senior Vice President and
Deputy Contract Manager

Enclosure

This proposal and its contents shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to ARCADIS/BPA as a result of—or in connection with—the submission of this proposal, ARCADIS/BPA and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use, or disclose the data contained in this proposal only to the extent provided in the resulting contract.

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Adams Drive Culvert Design & Construction Services Fee By Firm

Firm Name	Fee
Task 1	
Willmer Engineering	\$11,083.00
Agility Surveying	\$13,517.00
Subtotal:	\$24,600.00
Task 2	
Arcadis	\$43,900.00
Brindley Pieters & Associates	\$52,500.00
Subtotal:	\$96,400.00
Task 3	
Brindley Pieters & Associates	\$75,960.00
<hr/>	
GRAND TOTAL	\$196,960.00

COST ESTIMATE SUMMARY WORKSHEET

WILLMER PROPOSAL NUMBER: P05-350rev1a

Prepared for Arcadis/BPA Joint Venture

CATEGORY	COST
Adams Drive Culvert Replacement, Atlanta, Georgia	
Geotechnical Investigation	
Personnel	\$5,843
Field & Lab	\$5,240
<i>Sub-total</i>	<i>\$11,083</i>
PROJECT TOTAL	\$11,083

NOTES:

1. Cost estimate for geotechnical investigation for replacing existing Adams Drive box culvert in Atlanta, Georgia. Existing culvert to be replaced with new culvert. Cost estimate based on scope of work provided by ARCADIS to Willmer on December 23, 2005.
2. Site investigation to consist of two borings for the replacement culvert. Boring depths are estimated to be 30 feet or shallower if refusal is encountered first. Both borings will be terminated at auger refusal. Soil survey borings to consist of 2 borings each (RL and LL) on either side of the culvert centerline (approximately 100 feet from centerline). Soil survey borings are assumed to be 5 feet deep per boring. No traffic control is assumed since Adams Drive is currently closed to traffic due to structural condition of the existing culvert.
3. Two composite soil samples will be recovered from auger cuttings from the four borings for GDOT 810.01 series testing and other lab testing. Corrosion testing to consist of soil pH, lab soil resistivity, chloride, and sulfate tests. In addition a sample of the creek water will be recovered and tested.
4. A report will be provided with the results of the field and laboratory testing and recommendations for foundation support of the new box culvert and pavement reconstruction.
5. Cost estimate prepared on December 27, 2005 by E. Leo and reviewed by Jim Willmer.

Willmer Engineering Inc.
3772 Pleasantdale Road, Suite 165
Atlanta, Georgia 30340-4270

PERSONNEL HOUR ESTIMATE WORKSHEET

Adams Drive Culvert Replacement, Atlanta, Georgia

Geotechnical Investigation

WILLMER PROPOSAL NUMBER: P05-350rev1a

NO.	TASK DESCRIPTION	ENGINEER 8	ENGINEER 6	ENGINEER 4	ENGINEER 3	CADD DRAFTER3	OFFICE MANAGER	TASK TOTALS
I	GENERAL							
I A	SITE VISITS				3			3
I B	PROJECT MANAGEMENT, INVOICING, SCHEDULING & COORDINATING SUBCONTRACTOR ACTIVITIES	1	1	1				3
I C	PROJECT TEAM MEETINGS & CONSULTATION		1	1	1			3
								0
II	FIELD & OFFICE							
II A	UTILITY LOCATE & GAINING SITE ACCESS / PROPERTY OWNER CONTACT				2			2
II B	BORING LAYOUT (FIELD)				2			2
II C	SOIL LOGGING OF TEST BORINGS				12			12
II D	GROUNDWATER READINGS							0
II E	INSTALLATION OF EROSION CONTROL and/or LIMITED SITE RESTORATION							0
II F	BORING BACKFILL							0
II G	TRAVEL TO & FROM SITE for PERSONNEL				3			3
II H	SAMPLE TRANSPORT TO LABORATORY (unless concurrent with weekly travel to & from site)							0
II I	REVIEW CONSTRUCTION DOCUMENTS							0
II J	BORING LOG & PLAN PREPARATION				4	2		6
II K	ENGINEERING ANALYSIS & DESIGN		2	8				10
II L	REPORT PREPARATION	2	3	8		2	2	17
II M	DRAFT REPORT PUBLISHING							0
II N	REPORT REVISIONS	1	1				1	3
II O	COMPILE FINAL REPORT						1	1
II P	QA/QC	1						1
								0
	PERSONNEL TOTALS	5	8	18	27	4	4	66

PERSONNEL SUMMARY				
PERSONNEL CLASSIFICATION	EST. HOURS	BILLING RATE	COST(\$)	
ENGINEER 8	5	\$ 174.74	\$ 874	
ENGINEER 6	8	\$ 123.11	\$ 985	
ENGINEER 4	18	\$ 83.46	\$ 1,503	
ENGINEER 3	27	\$ 71.79	\$ 1,939	
CADD DRAFT3	4	\$ 65.33	\$ 262	
OFFICE MANAGER	4	\$ 55.96	\$ 224	
			\$ -	
TOTAL HOURS	66	TOTAL COSTS	\$ 5,787	
			\$ -	
TOTAL DIRECT LABOR PLUS OVERHEAD			\$ 5,787	
OTHER DIRECT COSTS (SPECIFY)				
MATERIALS & TRAVEL				
REPRODUCTION COSTS (Estimated)		\$ 100.00	\$ -	
PERSONNEL PER DIEM		\$ 100.00	\$ -	
MILEAGE	200	\$ 0.28	\$ 56	
			\$ -	
SUBCONSULTANTS				
Drilling Subcontractor			\$ -	
Surveyor			\$ -	
Traffic Control			\$ -	
			\$ -	
TOTAL OTHER DIRECT COSTS			\$ 56	
TOTAL ESTIMATED COSTS			\$ 5,843	
			\$ -	
ESTIMATED COSTS (EXCLUDING FIELD & LAB)			\$ 5,843	

FIELD AND LABORATORY COST ESTIMATE WORKSHEET

Adams Drive Culvert Replacement, Atlanta, Georgia

Geotechnical Investigation

WILLMER PROPOSAL NUMBER: P05-350rev1a

DRILLING				
ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST
MOBILIZATION, PER RIG	each	1	\$400.00	\$400
DRILL CREW PER DIEM, TWO MAN CREW	day		\$200.00	\$0
SPT BORINGS per ASTM D-1586	foot	60	\$10.00	\$600
AUGER BORINGS (NO SPT SAMPLES)	foot	20	\$7.00	\$140
BULK BAG SAMPLES	foot	2	\$30.00	\$60
PIEZOMETER/MONITORING WELL	foot		\$10.00	\$0
CORE OR ROTARY DRILLING SETUP	each		\$150.00	\$0
NQ ROCK CORING (Z cores @ Y ft per core)	foot		\$45.00	\$0
TEMPORARY CASING	foot		\$4.50	\$0
UNDISTURBED SHELBY TUBE SAMPLES	each	2	\$85.00	\$170
DRILL CREW STANDBY/DELAY/SITE REHAB	hour	2	\$150.00	\$300
BORING ELEVATION SURVEY	hour	2	\$65.00	\$130
DRILLING THROUGH CONCRETE, PER CORE	each		\$50.00	\$0
WATER HAULING	hour		\$150.00	\$0
PATCHING IN CONCRETE	each		\$25.00	\$0
PATCHING IN ASPHALT	each	6	\$25.00	\$150
				\$0
TOTAL DRILLING COSTS				\$1,950
LABORATORY				
ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST
GDOT 810.01 SERIES	each	2	\$310.00	\$620
USCS	each	6	\$185.00	\$1,110
CBR, SOIL SUPPORT	each	2	\$230.00	\$460
SOIL CORROSION SERIES	each	3	\$200.00	\$600
CONSOLIDATION	each	1	\$500.00	\$500
	each			\$0
	each			\$0
	each			\$0
				\$0
TOTAL LABORATORY COSTS				\$3,290
OTHER DIRECT COSTS (SPECIFY)				
ITEM	UNIT	EST. NO OF UNITS	UNIT RATE	COST
TRAVEL	mile		\$0.28	\$0
DOZER FOR CLEARING TO BORING LOCATIONS	hour		\$0.00	\$0
UNSUITABLE MATERIAL INVESTIGATION	each		\$0.00	\$0
EROSION CONTROL (Materials & Trenching Equipment)	lineal foot		\$0.00	\$0
LIMITED SITE RESTORATION in CLEARED/DISTURBED AREAS	materials costs @ actual		\$0.00	\$0
TRAFFIC CONTROL	each		\$0.00	\$0
				\$0
TOTAL OTHER DIRECT COSTS				\$0
TOTAL ESTIMATED FIELD AND LABORATORY COSTS				\$5,240

NOTES: list all assumptions made and reference to each item which may include, but is not limited to, the following:

Agility Surveying Co., Inc.
Cost Estimate

Project # 0
Project Name: Adams Drive Culvert Survey
Phase: 1

Date: 1/4/2006
Revision: 0
Phase # 1

Direct Labor Costs				
Personnel	Estimated Hours	Rate/Hour	Totals	Cost
Principal	0	\$58.17	\$191.96	\$0.00
Registered Land Surveyor	8	\$29.06	\$97.96	\$783.68
Survey Technician	51	\$26.44	\$87.87	\$4,481.37
Party Chief	48	\$19.78	\$68.93	\$3,308.64
Instrument Man	48	\$13.92	\$48.34	\$2,320.32
Rodman	48	\$11.00	\$40.84	\$1,960.32
Flagman	0	\$11.00	\$36.30	\$0.00
CAD Operator	5	\$18.25	\$65.33	\$326.65
Clerical	6	\$17.25	\$55.96	\$335.76
Total Direct Labor	214			\$13,516.74
Total R/W	0			\$0.00
Additional Cost				
Travel @ .315 per mile		0.315		
Per Diem				
Total Additional Cost				\$0.00
TOTAL				\$13,516.74

Agility Surveying Co., Inc.
Cost Estimate

Project #

Project Name: Adams Drive Culvert Survey
Phase: I

Date: 1/4/06
Revision:
Phase # 1

Task	Item / Task Description	Principal Proj Mgr	Registered Land Surveyor	Survey Technician	Party Chief	Instrument Man	Rodman	Flagman	CAD Operator / Survey Tech	Clerical	Total
1	Courthouse Research			5							11
2	GPS Control Per GDOT Specifications and Control Package Submittal		1	1	4	4	4		5	1	15
3	Digital Level Loop									1	0
4	Conventional Horizontal and Vertical Control Per GDOT Specifications			1	8	8	8				25
5	New Alignment Staking										0
6	Roadway Profiles (three point profiles)										0
7	Property Corner Survey										0
8	Surface Utilities										0
9	Supplemental Topo of Obscured Areas										0
10	Roadway Topography		1	16	16	16	16			1	66
11	Creek Topography		1	22	20	20	20			1	84
12	Wetlands Surveying										0
13	Meetings Etc.		2	2						2	6
14	QA/QC & Revisions		3	4							7
15											0
	Total	0	8	51	48	48	48	0	5	6	214



Adams Drive Culvert Replacement

**Engineering
Cost**
Cost Estimate

Phase Final Plans
Task Bridge

Phase No.
Task No. 2

DIRECT LABOR				
Personnel	Est. Hours	Rate/Hour	Cost (\$)	Totals
Senior Professional (E8)	88	\$ 174.74	\$ 15,377.12	
Professional (E7)	50	\$ 150.14	\$ 7,507.00	
Professional (E6)	58	\$ 123.11	\$ 7,140.38	
Engineer (E4)	44	\$ 83.46	\$ 3,672.24	
CADD (C3)	52	\$ 65.33	\$ 3,397.16	
Clerical	112	\$ 55.96	\$ 6,267.52	
Total Direct Labor	404		\$ 43,361.42	\$ 43,361
Overhead (Indirect Cost on Labor Above)				
Labor x Overhead Rate = Overhead (\$)				\$ -
Total Direct Labor plus Overhead				\$ 43,361
Direct Costs (Specify)				
Reproduction	Sets	Sheets/set	Cost/sheet	
CADD Mylars	2	2	\$15.00	\$ 60
Color Plots		2	\$4.80	\$ -
Blacklines	16	2	\$6.00	\$ 192
Blacklines - Half Size	16	2	\$3.00	\$ 96
Photocopies	200	copies x	\$0.15	\$ 30
Color Copies		copies x	\$1.50	\$ -
Supplies, Postage, Communication				\$ 80
Travel	200	miles x	\$0.400	\$ 80
Subcontractors (List)				
Other Direct Expenses (List)				
Total Direct Costs				\$ 538
Total Estimated Costs				\$ 43,899
Profit				\$ -
Maximum Amount of Contract Proposal				\$ 43,899



Adams Drive Culvert Replacement

**Engineering
Cost Proposal**
Hour Estimate

Phase Final Plans
Task Bridge

Phase No.
Task No. 2

#	Item/Task Description	Sr. Prof.	Prof.	Prof.	Eng.	CADD	Cler.	Total
1	Project Planning	6						6
2	Project Management		50					50
3	QA/QC						72	72
4	Meetings:	10						10
	Design							
	Pre-bid	16					4	20
	Kick-off	6					2	8
	During Construction - 4 Jobsite visits	6					2	8
5	Culvert drawings	32					16	48
6	Culvert Specifications	4		28	24	52		108
7	Quantities	4		18	12		16	50
		4		12	8			24
Total		88	50	58	44	52	112	404

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: GREG PRIDGEON

Legislative Counsel (Signature): Megan S. Middleton 

Contact Number: 6207

Originating Department: Public Works

Committee(s) of Purview: City Utilities

Council Deadline: December 11, 2006

Committee Meeting Date(s): January 9, 2007 Full Council Date: January 16, 2007

Commissioner Signature 


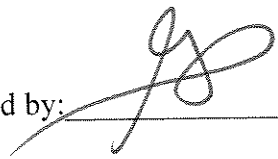
Chief Procurement Officer _____

CAPTION

A RESOLUTION AUTHORIZING THE MAYOR OR DESIGNEE TO ISSUE A NOTICE TO PROCEED TO ARCADIS/BINDLEY, PIETERS & ASSOCIATES, JV, FOR FC-7619-03A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES, TO PROVIDE DESIGN SERVICES FOR ADAMS DRIVE CULVERT STRUCTURE, ON BEHALF OF THE DEPARTMENT OF PUBLIC WORKS, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED NINETY SIX THOUSAND NINE HUNDRED SIXTY DOLLARS AND NO CENTS (\$196,960.00); ALL WORK WILL BE CHARGED TO AND PAID FROM FUND, ACCOUNT AND CENTER NUMBER 1C50 (2004 QUALITY OF LIFE BOND FUND) 574001 (FACILITIES OTHER THAN BUILDINGS) M65F076892BH (BRIDGE IMPROVEMENT, ADAMS DRIVE); AND FOR OTHER PURPOSES.

FINANCIAL IMPACT (if any) \$196,960.00

Mayor's Staff Only

Received by Mayor's Office: 12.6.06  (date) Reviewed by: 

Submitted to Council:

12/21/06
(date)